



Sheet 1 of 25

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**CRNT-0206**

Serial No.  
**10/675,409**

Applicant  
**James Douglas Mollenkopf**

Filing Date  
**September 30, 2003**

Group  
**2631**

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
JL	1	1,547,242	07/28/25	M. E. Strieby		
	2	2,298,435	10/13/42	Tunick	250	15
	3	2,577,731	12/11/51	F.C. Berger	179	2.5
	4	3,369,078	02/13/68	Stradley	179	2.5
	5	3,445,814	05/20/69	Spalti	340	151
	6	3,605,009	09/14/71	Enge	323	93
	7	3,641,536	02/08/72	Prosprich	340	870.15
	8	3,656,112	04/11/72	Paull	340	151
	9	3,696,383	10/03/72	Oishi et al.	340	310
	10	3,702,460	11/07/72	Blose	340	150
	11	3,810,096	05/07/74	Kabat et al.	340	147 R
	12	3,846,638	11/05/74	Wetherell	307	3
	13	3,895,370	07/15/75	Valentini	340	310
	14	3,911,415	10/07/75	Whyte	340	310
	15	3,942,168	03/02/76	Whyte	340	310.01
	16	3,942,170	03/02/76	Whyte	340	310
	17	3,962,547	06/08/76	Pattantyus-Abraham	179	2.5 R
	18	3,964,048	06/15/76	Lusk et al.	340	310 R
	19	3,967,264	06/29/76	Whyte et al.	340	310.08

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✓	20	3,973,087	08/03/76	Fong	179	170 R
	21	3,973,240	08/03/76	Fong	340	151
	22	3,993,110	01/18/77	Whyte	179	170 J
	23	4,004,110	01/18/77	Whyte	179	170 J
	24	4,012,733	03/15/77	Whyte	340	310
	25	4,016,429	04/05/77	Vercellotti et al.	307	149
	26	4,053,876	10/11/77	Taylor	340	529
	27	4,057,793	11/08/77	Johnson et al.	340	310 R
	28	4,060,735	11/29/77	Pascucci et al.	307	3
	29	4,070,572	01/24/78	Summerhayes	250	199
	30	4,119,948	10/10/78	Ward et al.	340	870.02
	31	4,142,178	02/27/79	Whyte et al.	340	310
	32	4,188,619	02/12/80	Perkins	340	310 R
	33	4,239,940	12/16/80	Dorfman	179	2.51
	34	4,250,489	02/10/81	Dudash et al.	340	147 T
	35	4,254,402	03/03/81	Perkins	340	310 R
	36	4,263,549	04/21/81	Toppeto	324	127
	37	4,268,818	05/19/81	Davis et al.	340	870.38
✓	38	4,323,882	04/06/82	Gajjer	340	310 R

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<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>
TC	39	4,357,598	11/02/82	Melvin, Jr.	340	310 A
	40	4,359,644	11/16/82	Foord	307	40
	41	4,367,522	01/04/63	Forstbauer et al.	363	137
	42	4,383,243	05/10/83	Krügel et al.	340	310 R
	43	4,386,436	5/1983	Kocher et al.	455	151.4
	44	4,408,186	10/04/83	Howell	340	310 A
	45	4,409,542	10/11/83	Becker et al.	324	57 Q
	46	4,413,250	11/01/83	Porter et al.	340	310.01
	47	4,419,621	12/06/83	Becker et al.	324	51
	48	4,433,284	02/21/84	Perkins	323	361
	49	4,442,492	04/10/84	Karlsson et al.	364	464
	50	4,457,014	06/26/84	Bloy	381	98
	51	4,468,792	08/28/84	Baker et al.	375	45
	52	4,471,399	09/11/84	Udren	361	64
	53	4,473,816	09/25/84	Perkins	340	310
	54	4,473,817	09/25/84	Perkins	340	310
	55	4,475,209	10/02/84	Udren	375	4
	56	4,479,033	10/23/84	Brown et al.	179	2.51
✓	57	4,481,501	11/06/84	Perkins	340	310

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PL	58	4,495,386	01/22/85	Brown et al.	455	402
	59	4,517,548	05/14/85	Ise et al.	340	310 R
	60	4,569,045	02/04/86	Schieble et al.	370	85
	61	4,599,598	07/08/86	Komoda et al.	340	310 A
	62	4,638,298	01/20/87	Spiro	370	392
	63	4,642,607	02/10/87	Strom et al.	340	310
	64	4,644,321	02/17/87	Kennon	340	310 A
	65	4,652,855	03/19/87	Weikel	340	310
	66	4,675,648	06/23/87	Roth et al.	340	310.07
	67	4,683,450	07/28/87	Max et al.	333	202
	68	4,686,382	08/11/87	Shuey	307	149
	69	4,686,641	08/11/87	Evans	364	580
	70	4,697,166	09/29/87	Warnagiris et al.	340	310 R
	71	4,701,945	10/20/87	Pedigo	379	66
	72	4,724,381	02/09/88	Crimmins	324	127
	73	4,745,391	05/17/88	Gajjar	340	310 A
	74	4,746,897	05/24/88	Shuey	340	310 R
	75	4,749,992	06/07/88	Fitzmeyer et al.	340	870.02
V	76	B1 4,749,992	06/11/96	Fitzmeyer et al.	340	870.02

<b>EXAMINER</b>	<i>John J. Mollenkopf</i>	<b>DATE CONSIDERED</b>	<i>8/18/04</i>
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✓	77	4,766,414	08/23/88	Shuey	340	310 A
	78	4,772,870	09/20/88	Reyes	340	310 R
	79	4,785,195	11/15/88	Rochelle et al.	307	18
	80	4,800,363	01/24/89	Braun et al.	340	310 A
	81	4,835,517	05/30/89	van der Gracht et al.	340	310 A
	82	4,903,006	02/02/90	Boomgaard	340	310 A
	83	4,904,996	02/27/90	Fernandes	340	870.07
	84	4,912,553	03/27/90	Pal et al.	358	86
	85	4,973,940	11/27/90	Sakai et al.	340	310 R
	86	4,979,183	12/18/90	Cowart	375	142
	87	5,006,846	04/09/91	Granville et al.	340	870.28
	88	5,066,939	11/19/91	Mansfield, Jr.	340	310 R
	89	5,068,890	11/26/91	Nilssen	379	90
	90	5,148,144	09/15/92	Sutterlin et al.	340	310 A
	91	5,151,838	09/29/92	Dockery	340	310 R
	92	5,185,591	02/09/93	Shuey	340	310 A
	93	5,191,467	03/02/93	Kapany et al.	359	341
✓	94	5,210,519	05/11/93	Moore	340	310
	95	5,257,006	10/26/93	Graham et al.	340	310A

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✓	96	5,272,462	12/21/93	Teyssandier et al.	340	310.01
	97	5,301,208	04/05/94	Rhodes	375	36
	98	5,319,634	06/07/94	Bartholomew et al.	370	18
	99	5,351,272	09/27/94	Abraham	375	38
	100	5,359,625	10/25/94	Vander Mey et al.	375	1
	101	5,369,356	11/29/94	Kinney et al.	324	142
	102	5,375,141	10/20/94	Takahashi	375	1
	103	5,406,249	04/11/95	Pettus	340	310.06
	104	5,410,720	04/25/95	Osterman	725	150
	105	5,426,360	06/20/95	Maraio et al.	324	126
	106	5,432,841	07/11/95	Rimer	455	457
	107	5,448,229	09/05/95	Lee, Jr.	340	870.02
	108	5,461,629	10/24/95	Sutterlin et al.	371	30
	109	5,477,091	12/19/95	Fiorina et al.	307	66
	110	5,481,249	01/02/96	Sato	340	2.1
	111	5,485,040	01/16/96	Sutterlin	307	3
	112	5,497,142	03/05/96	Chaffanjon	340	310.06
	113	5,498,956	03/12/96	Kinney et al.	324	142
✓	114	5,533,054	07/02/96	DeAndrea et al.	375	286

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TC	115	5,559,377	09/24/96	Abraham	307	104
	116	5,579,221	11/26/96	Mun	364	188
	117	5,579,335	11/26/96	Sutterlin et al.	375	200
	118	5,592,482	01/07/97	Abraham	348	8
	119	5,598,406	01/28/97	Albrecht et al.	370	296
	120	5,616,969	04/01/97	Morava	307	91
	121	5,625,863	04/29/97	Abraham	455	3.3
	122	5,630,204	05/13/97	Hylton et al.	455	3.3
	123	5,640,416	06/17/97	Chalmers	375	147
	124	5,664,002	09/02/97	Skinner, Sr.	379	56.2
	125	5,684,450	11/04/97	Brown	340	310.02
	126	5,691,691	11/25/97	Merwin et al.	340	310.02
	127	5,694,108	12/02/97	Shuey	340	310.01
	128	5,705,974	01/06/98	Patel et al.	340	310.08
	129	5,712,614	01/27/98	Patel et al.	340	310.03
	130	5,717,685	02/10/98	Abraham	370	30
	131	5,726,980	03/10/98	Rickard	370	293
	132	5,748,671	05/05/98	Sutterlin et al.	375	206
✓	133	5,770,996	06/23/98	Severson et al.	340	310.08
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JC	134	5,774,526	06/30/98	Proppe et al.	379	90.1
	135	5,777,544	07/07/98	Vander Mey et al.	340	310.06
	136	5,777,545	07/07/98	Patel et al.	341	310.06
	137	5,777,769	07/07/98	Coutinho	359	173
	138	5,778,116	07/07/98	Tomich	385	16
	139	5,796,607	08/18/98	Le Van Suu	364	140.01
	140	5,802,102	09/01/98	Davidovici	375	152
	141	5,805,053	09/08/98	Patel et al.	340	310.01
	142	5,818,127	10/06/98	Abraham	307	106
	143	5,818,821	10/06/98	Schurig	370	293
	144	5,828,293	10/27/98	Rickard	340	310.04
	145	5,835,005	11/10/98	Furukawa et al.	340	310.01
	146	5,847,447	12/08/98	Rozin et al.	257	678
	147	5,856,776	01/05/99	Armstrong et al.	340	310.01
	148	5,864,284	01/26/99	Sanderson et al.	340	310.01
	149	5,870,016	02/1999	Shresthe	340	310.01
	150	5,880,677	03/09/99	Lestician	340	825.06
	151	5,881,098	03/09/99	Tzou	375	152
✓	152	5,892,430	04/06/99	Wiesman et al.	340	310.01

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✓	153	5,929,750	07/27/99	Brown	340	310.02
✓	154	5,933,071	08/03/99	Brown	340	310.01
✓	155	5,933,073	08/03/99	Shuey	340	310.07
✓	156	5,937,003	08/10/99	Sutterlin et al.	375	208
✓	157	5,937,342	08/10/99	Kline	455	402
✓	158	5,949,327	09/07/99	Brown	340	310.01
✓	159	5,952,914	09/14/99	Wynn	340	310.01
✓	160	5,963,585	10/05/99	Omura et al.	375	207
✓	161	5,977,650	11/02/99	Rickard et al.	307	3
✓	162	5,978,371	11/02/99	Mason, Jr. et al.	370	389
✓	163	5,982,276	11/09/99	Stewart	340	310.01
✓	164	5,994,998	11/30/99	Fisher et al.	340	310.01
✓	165	5,994,999	11/30/99	Ebersohl	340	310.01
✓	166	6,014,386	01/11/00	Abraham	370	485
✓	167	6,023,106	02/08/00	Abraham	307	3
✓	168	6,037,678	03/14/00	Rickard	307	89
✓	169	6,037,857	03/14/00	Behrens et al.	340	310.03
✓	170	6,040,759	03/21/00	Sanderson	340	310.01
✓	171	6,091,932	07/18/00	Langlais	455	5.1

<b>EXAMINER</b>	<i>Julie A. My</i>	<b>DATE CONSIDERED</b>	<i>8/18/02</i>
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PL	172	6,104,707	08/15/00	Abraham	370	295
	173	6,130,896	10/10/00	Lueker et al.	370	469
	174	6,140,911	10/2000	Fisher et al.	340	310.01
	175	6,141,634	10/31/00	Flint et al.	703	018
	176	6,144,292	11/07/00	Brown	340	310.02
	177	6,151,330	11/21/00	Liberman	370	449
	178	6,157,292	12/05/00	Piercy et al.	340	310.01
	179	6,172,597 B1	01/09/01	Brown	340	310.02
	180	6,175,860	01/16/01	Gaucher	709	208
	181	6,177,849 B1	01/23/01	Barsellotti et al.	333	177
	182	6,212,658 B1	04/03/01	Le Van Suu	714	749
	183	6,226,166 B1	05/01/01	Gumley et al.	361	118
	184	6,229,434 B1	05/08/01	Knapp et al.	340	310.01
	185	6,239,722 B1	05/29/01	Colton et al.	340	870.02
	186	6,243,571	06/05/01	Bullock et al.	455	402
	187	6,282,405 B1	08/28/01	Brown	725	79
	188	6,297,729 B1	10/02/01	Abali et al.	340	310.01
V	189	6,297,730 B1	10/02/01	Dickinson	340	310.01
	190	6,313,738	11/06/01	Wynn	340	310.03

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TV	191	6,317,031 B1	11/13/01	Rickard	340	310.03
	192	6,331,814 B1	12/18/01	Albano et al.	340	310.01
	193	6,373,376 B1	04/16/02	Adams et al.	340	310.01
	194	6,396,391 B1	05/02	Binder	340	310.01
	195	6,396,392 B1	05/28/02	Abraham	340	310.01
	196	6,404,773 B1	06/11/02	Williams et al.	370	463
	197	6,407,987 B1	06/18/02	Abraham	370	295
	198	6,414,578 B1	07/02/02	Jitaru	336	170
	199	6,417,762 B1	07/09/02	Comer	340	310.01
	200	6,425,852 B1	07/30/02	Epstein et al.	600	13
	201	6,441,723 B1	08/27/02	Mansfield, Jr. et al.	340	310.01
	202	6,449,318	09/10/02	Rumbaugh	375	309
	203	6,452,482 B1	09/17/02	Cern	340	310.01
	204	6,480,510 B1	11/12/02	Binder	370	502
	205	6,486,747 B1	11/26/02	DeCramer et al.	333	25
	206	6,492,897 B1	12/10/02	Mowery, Jr.	340	310.01
	207	6,496,104 B2	12/17/02	Kline	340	310.01
	208	6,504,357 B1	01/07/03	Hemminger et al.	340	310.01
✓	209	6,507,573	01/14/03	Brandt et al.	370	335

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JL	<b>210</b>	6,515,485	02/04/03	Bullock et al.	324	601
	<b>211</b>	6,522,626	02/18/03	Greenwood	370	208
	<b>212</b>	6,549,120	04/15/03	deBuda	340	310.01
	<b>213</b>	6,577,231	06/10/03	Litwin, Jr. et al.	340	310.01
	<b>214</b>	6,590,493	07/08/03	Rasimas	340	310.01
	<b>215</b>	6,611,134	08/26/03	Chung	324	74
	<b>216</b>	2001/0052843 A1	12/20/01	Wiesman et al.	340	310.01
	<b>217</b>	2001/0054953 A1	12/27/01	Kline	340	310.01
	<b>218</b>	2002/0010870 A1	01/24/02	Gardner	713	300
	<b>219</b>	2002/0171535 A1	11/21/02	Cern	340	310.07
	<b>220</b>	2002/0041228 A1	04/11/02	Zhang	340	310.01
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	<b>222</b>	2002/0060624 A1	05/23/02	Zhang	340	310.01
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V	<b>227</b>	2002/0109585 A1	08/15/02	Sanderson	340	310.01
	<b>228</b>	2002/0171535 A1	11/21/02	Cern	340	310.07
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	229	2003/0007576 A1	01/09/03	Alavi et al.	375	329
	230	2003/0062990 A1	04/03/03	Schaeffer, Jr. et al.	340	310.01
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	232	2003/0160684 A1	08/28/03	Cern	340	310.01
	233	2003/0149784 A1	08/07/03	Ide	709	231
	234	2003/0090368 A1	05/15/03	Ide	340	310.06
	235	2003/0103307 A1	06/05/03	Dostert	361	113
	236	2003/0107477 A1	06/12/03	Ide	340	310.01
	237	S.N. 09/765,910	01/19/01	Kline	-----	-----
	238	S.N. 09/805,638	03/14/01	Kline	-----	-----
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	241	S.N. 09/912,633	07/25/01	Kline	-----	-----
	242	S.N. 09/915,459	07/26/01	Kline	-----	-----
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	249	S.N. 10/165,992	06/10/02	Kline	-----	-----
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	251	S. N. 10/293,799	11/13/02	Huebner		
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	255	S.N. 10/319,317	12/13/02	Mollenkopf et al.		
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	259	S.N. 10/434,024	05/08/03	Corcoran et al.		
	260	S.N. 10/626,308	07/23/03	Berkman et al.		
✓	261	S.N. 10/641,689	08/14/03	White, II et al.		

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					<b>YES</b>
					<b>NO</b>
✓	262	100 08 602 A1	06/07/01	DE	X abstract & Ind. Claim
	263	100 12 235 C2	12/20/01	DE	X abstract & Ind. Claim
	264	100 26 930 C2	01/30/03	DE	X abstract & Ind. Claim
	265	100 26 931 C2	01/23/03	DE	X abstract & Ind. Claim
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	269	100 59 564 A1	09/12/02	DE	X abstract & Ind. Claim
	270	100 61 584 A1	06/20/02	DE	X abstract & Ind. Claim
	271	100 61 586 A1	06/20/02	DE	X abstract & Ind. Claim
	272	101 00 181 A1	07/18/02	DE	X abstract & Ind. Claim
	273	101 03 530 A1	08/29/02	DE	X abstract & Ind. Claim
	274	101 46 982 C1	06/18/03	DE	X abstract & claims
	275	101 47 913 C1	07/03/03	DE	X abstract & claims
	276	101 47 915 C1	06/23/03	DE	X abstract & claims
	277	101 47 916 C1	05/28/03	DE	X abstract & claims
	278	101 47 918 A1	04/24/03	DE	X abstract & claims
	279	101 190 039 A1	12/05/02	DE	X abstract & Ind. Claim
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	282	0 141 673 A2	05/15/85	EP		
	283	0 470 185 B1	11/29/95	EP		
	284	0 581 351 A1	02/02/94	EP		
	285	0 913 955 A2	05/06/99	EP	X abstract	
	286	0 916 194 B1	09/26/01	EP		
	287	0 948 143 A2	10/06/99	EP	X abstract	
	288	0 959 569 A1	11/24/99	EP	X abstract	
	289	1 011 235 A2	6/21/00	EP		
	290	1 011 235 A3	05/02/02	EP		
	291	1 014 640 A2	06/28/00	EP		
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	293	1 021 866 B1	10/23/02	EP		
	294	0 822 721 A2, A3	02/04/98	EP	X abstract & Ind. Claim	
	295	0 933 883 A2, A3	08/04/99	EP	X abstract & Ind. Claim	
	296	1 043 866 A2, A3	10/11/00	EP	X abstract & Ind. Claim	
	297	1 075 091 A1	02/07/01	EP	X abstract & Ind. Claim	
	298	1 213 849 A1	06/12/02	EP	X abstract & Ind. Claim	
✓	299	1 217 760 A1	06/26/02	EP	X abstract & Ind. Claim	

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					YES	NO
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/	301	1 253 699 A2	10/30/02	EP	X abstract & Ind. Claim	
/	302	2 122 920 A1	12/16/98	ES	X abstract	
/	303	2 326 087	07/15/76	FR	X abstract	
/	304	1 548 652	07/18/79	GB		
/	305	2 101 857 A	01/19/83	GB		X
/	306	2 293 950 A	04/10/96	GB		
/	307	2 315 937 A	02/11/98	GB		
/	308	2 331 683 A	05/26/99	GB		
/	309	2 335 335 A	09/15/99	GB		
/	310	2 341 776 A	03/22/00	GB		
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/	313	1276933	11/07/89	JP		
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/	315	84/01481 A1	04/12/84	WO		
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					<b>YES</b>	<b>NO</b>
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	320	98/01905 A1	01/15/98	WO		
	321	98/33258 A2	07/30/98	WO		
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	323	98/40980 A1	09/17/98	WO		
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	326	01/08321 A1	02/01/01	WO	X abstract & Ind. Claim	
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	329	02/054605 A1	07/11/02	WO		
	330	99/59261 A1	11/18/99	WO	X abstract	
	331	00/16496 A2	03/23/00	WO	X abstract & Claims	
	332	00/60822 A1	10/12/00	WO	X abstract & Claims	
	333	01/08321 A1	02/01/01	WO	X abstract & Ind. Claim	
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JL	338	02/17509 A1	02/28/02	WO	X abstract & Ind. Claim	
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	<b>346</b>	Tohoku Electric Power, Co., Inc., "Tohoku Electric Develops High-Speed Communications System Using Power Distribution Lines," <i>Tohoku Currents, Spring 1998, 8(1)</i> , 2 pages ( <a href="http://www.tohoku-epco.co.jp/profil/kurozu/c_vol8_1/art04.htm">http://www.tohoku-epco.co.jp/profil/kurozu/c_vol8_1/art04.htm</a> )
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	366	Chang, S.S.L., "Power-Line Carrier", <i>Fundamentals Handbook of Electrical and Computer Engineering</i> ", Volume II-Communication, Control, Devices and Systems, John Wiley & Sons, 617-627	
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EXAMINER	<i>James Douglas Mollenkopf</i>	DATE CONSIDERED	<i>8/8/04</i>
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<b>Form PTO-1449 Modified</b>		Docket No. <b>CRNT-0206</b>	Serial No. <b>10/675,409</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		<b>Applicant</b> <b>James Douglas Mollenkopf</b>	
U.S. Department of Commerce Patent and Trademark Office		Filing Date <b>September 30, 2003</b>	Group <b>2631</b>

<b>Examiner</b> <b>Initial</b> <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
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	<b>410</b>	International Search Report dated June 5, 2002, from PCT/US01/48064	
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